

**SECRET**

# OUT - 72539

22 JUN 71 17 15z

R 221658Z  
FM NPIC

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ZEM

SECRET CITE NPIC 1144  
FT BELVOIR/ETL

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NPIC HAS RECENTLY DEVELOPED AND MADE OPERATIONAL A PROTOTYPE SOLID STATE DETECTOR FOR STATISTICALLY SAMPLING THE OPTICAL POWER SPECTRUM (OPS) OF AN IMAGE. THE MEASUREMENTS OBTAINED CORRELATE WELL WITH OTHER OBJECTIVE QUALITY PARAMETERS, (E.G., GRANULARITY, CONTRAST AND MTF) AND SUBJECTIVE PHOTOINTERPRETER JUDGMENT/PERFORMANCE DATA FOR THE SAME IMAGERY. THE OPS EQUIPMENT, THE EXPERIMENTAL APPROACH, AND THE STATISTICAL DECISION TECHNIQUES, WILL BE DESCRIBED IN DETAIL, AND RESULTS FROM SEVERAL SETS OF TEST IMAGERY WILL BE PRESENTED AT A BRIEFING IN THE NPIC AUDITORIUM AT 1000-1115 ON MONDAY, 28 JUNE 1971, BY MAJOR [REDACTED] PEAKE OF THE TECHNICAL SERVICES GROUP. THIS TECHNIQUE WILL PROVIDE A POWERFUL AND EXTREMELY RAPID TECHNIQUE FOR DETERMINING IMAGE QUALITY OF PHOTOGRAPHIC FILM.

YOU ARE INVITED TO SEND AS MANY REPRESENTATIVES AS YOU CHOOSE TO ATTEND THIS BRIEFING. THE LEVEL IS SI-TKH. PLEASE FORWARD CLEARANCES TO NPIC. PARKING IS LIMITED; CALL EXTENSION [REDACTED] FOR SPACE RESERVATION. IT IS SUGGESTED THAT YOU USE A CAR POOL COMBINING RIDERS, OR WHERE POSSIBLE, USE GOVERNMENT TRANSPORTATION.

GP-1

SECRET

--END OF MESSAGE--

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**SECRET**ADVANCE CY  
SANITIZED  
WITH TEXT